

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

PATENT

Docket No. : 37360/JFO/B600

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled DIFFUSION REPLICA DELAY CIRCUIT, the application of which is attached hereto unless the following is checked:

X was filed on February 2, 2001 as United States Application Number or PCT International Application Number 09/776,029 and was amended on \_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of the foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

<u>Application Number</u>	<u>Country</u>	<u>Filing Date (day/month/year)</u>	<u>Priority Claimed</u>
---------------------------	----------------	-------------------------------------	-------------------------

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
---------------------------	--------------------

60/179,777	February 2, 2000
60/179,766	February 2, 2000
60/179,866	February 2, 2000
60/179,718	February 2, 2000
60/179,765	February 2, 2000
60/179,768	February 2, 2000
60/179,865	February 2, 2000
60/193,607	March 31, 2000
60/193,606	March 31, 2000
60/193,605	March 31, 2000
60/215,741	June 29, 2000
60/220,567	July 25, 2000

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37360/JFO/B600**

material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>Title</u>	<u>Docket No.</u>	<u>Filing Date</u>	<u>Patented/Pending/ Abandoned</u>
MEMORY MODULE WITH HIERARCHICAL FUNCTIONALITY	B600:40050	February 2, 2001	Pending
A CIRCUIT TECHNIQUE FOR HIGH SPEED LOW POWER DATA	B600:37497	February 2, 2001	Pending
SINGLE-ENDED SENSE AMPLIFIER WITH SAMPLE- AND-HOLD REFERENCE	B600:37362	February 2, 2001	Pending
LIMITED SWITCH DRIVER CIRCUIT	B600:37361	February 2, 2001	Pending
ASYNCHRONOUS-RESETTABLE DECODER WITH REDUNDANCY	B600:37115	February 2, 2001	Pending
HIGH PRECISION DELAY MEASUREMENT CIRCUIT	B600:37079	February 2, 2001	Pending
SENSE AMPLIFIER WITH OFFSET CANCELLATION AND	B600:37363	February 2, 2001	Pending
MEMORY ARCHITECTURE WITH SINGLE-PORT CELL AND DUAL-PORT (READ AND WRITE) FUNCTIONALITY	B600:37364	February 2, 2001	Pending
MEMORY REDUNDANCY IMPLEMENTATION	B600:37496	February 2, 2001	Pending

**POWER OF ATTORNEY:** I hereby appoint the following attorneys and agents of the law firm CHRISTIE, PARKER & HALE, LLP to prosecute this application and any international application under the Patent Cooperation Treaty based on it and to transact all business in the U.S. Patent and Trademark Office connected with either of them in accordance with instructions from the assignee of the entire interest in this application; or from the first or sole inventor named below in the event the application is not assigned; or from \_\_ in the event the power granted herein is for an application filed on behalf of a foreign attorney or agent.

R. W. Johnston	(17,968)	Grant T. Langton	(39,739)	Richard J. Paciulan	(28,248)
D. Bruce Prout	(20,958)	Constantine Marantidis	(39,759)	Josephine E. Chang	(46,083)
Hayden A. Carney	(22,653)	Daniel R. Kimbell	(34,849)	Frank L. Cire	(42,419)
Richard J. Ward, Jr.	(24,187)	Craig A. Gelfound	(41,032)	Harold E. Wurst	(22,183)
Russell R. Palmer, Jr.	(22,994)	Syed A. Hasan	(41,057)	Robert A. Green	(28,301)
LeRoy T. Rahn	(20,356)	Kathleen M. Olster	(42,052)	Derrick W. Reed	(40,138)
Richard D. Seibel	(22,134)	Daniel M. Cavanagh	(41,661)	John W. Peck	(44,284)
Walter G. Maxwell	(25,355)	Molly A. Holman	(40,022)	Stephen D. Burbach	(40,285)
William P. Christie	(29,371)	Joel A. Kauth	(41,886)	David B. Sandelands, Jr.	(46,023)
David A. Dillard	(30,831)	Patrick Y. Ikehara	(42,681)	Heidi L. Eisenhut	(46,812)
Thomas J. Daly	(32,213)	Mark Garscia	(31,953)	Nicholas J. Pauley	(44,999)
Vincent G. Gioia	(19,959)	Gary J. Nelson	(44,257)	Mark J. Marcelli	(36,593)

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37360/JFO/B600**

Edward R. Schwartz	(31,135)	Raymond R. Tabandeh	(43,945)	Paul Heynssens	(P-47,648)
John D. Carpenter	(34,133)	Cynthia A. Bonner	(44,548)	Peter A. Nichols	(P-47,822)
David A. Plumley	(37,208)	Jun-Young E. Jeon	(43,693)	David J. Steele	(47,317)
Wesley W. Monroe	(39,778)	Marc A. Karish	(44,816)		
Gregory S. Lampert	(35,581)	John F. O'Rourke	(38,985)		

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**DIRECT TELEPHONE CALLS TO : John F. O'Rourke, 626/795-9900**

**SEND CORRESPONDENCE TO : CHRISTIE, PARKER & HALE, LLP  
P.O. Box 7068, Pasadena, CA 91109-7068**

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor Esin Terzioglu	Inventor's signature <i>Esin Terzioglu</i>	Date 3/21/2001
Residence and Post Office Address 16215 Alton Parkway, Irvine California 92618		Citizenship North Cyprus

Full name of second joint inventor Morteza Cyrus Afghahi	Inventor's signature <i>M. Afghahi</i>	Date 2/1/2001
Residence and Post Office Address 16215 Alton Parkway, Irvine California 92618		Citizenship Sweden